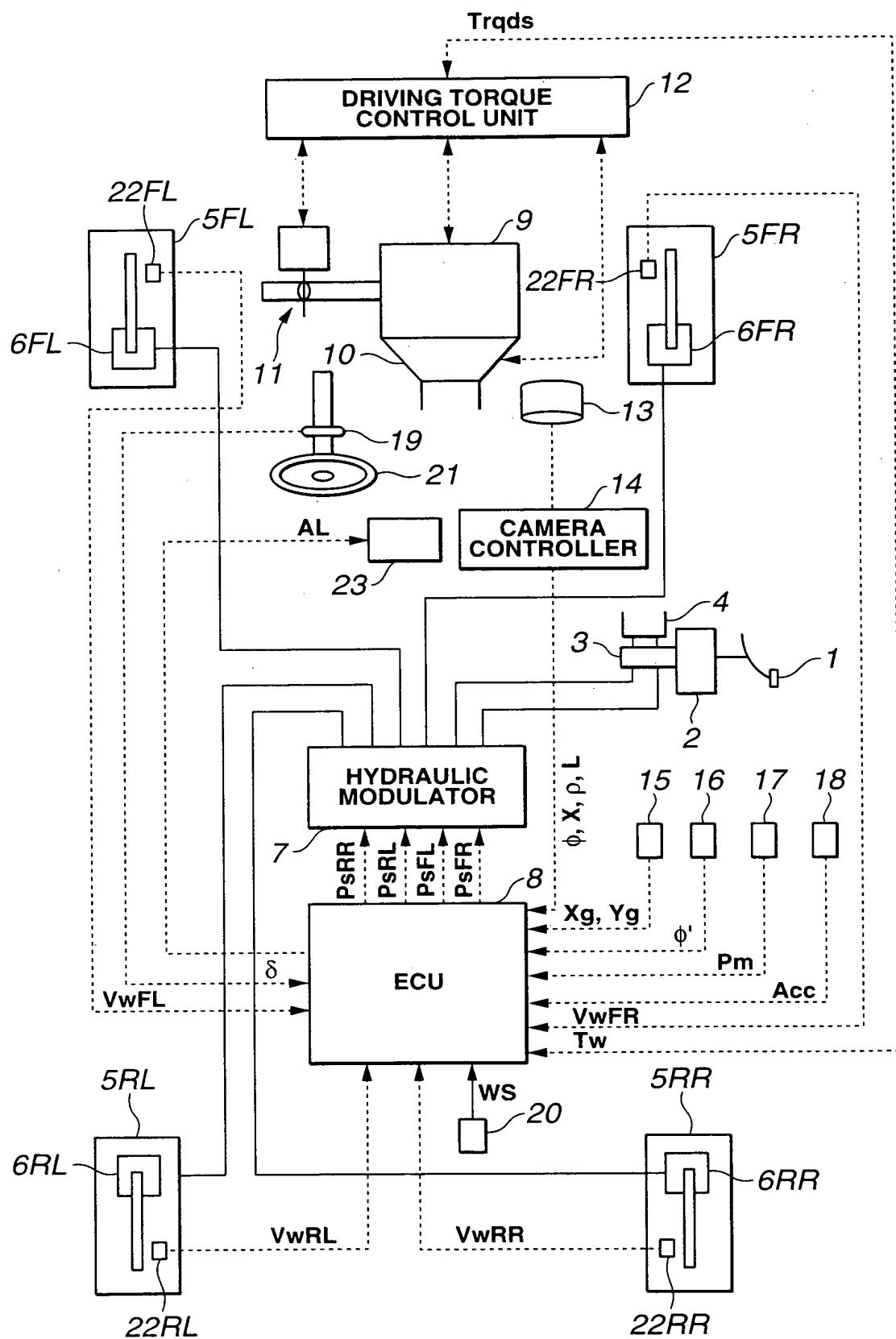
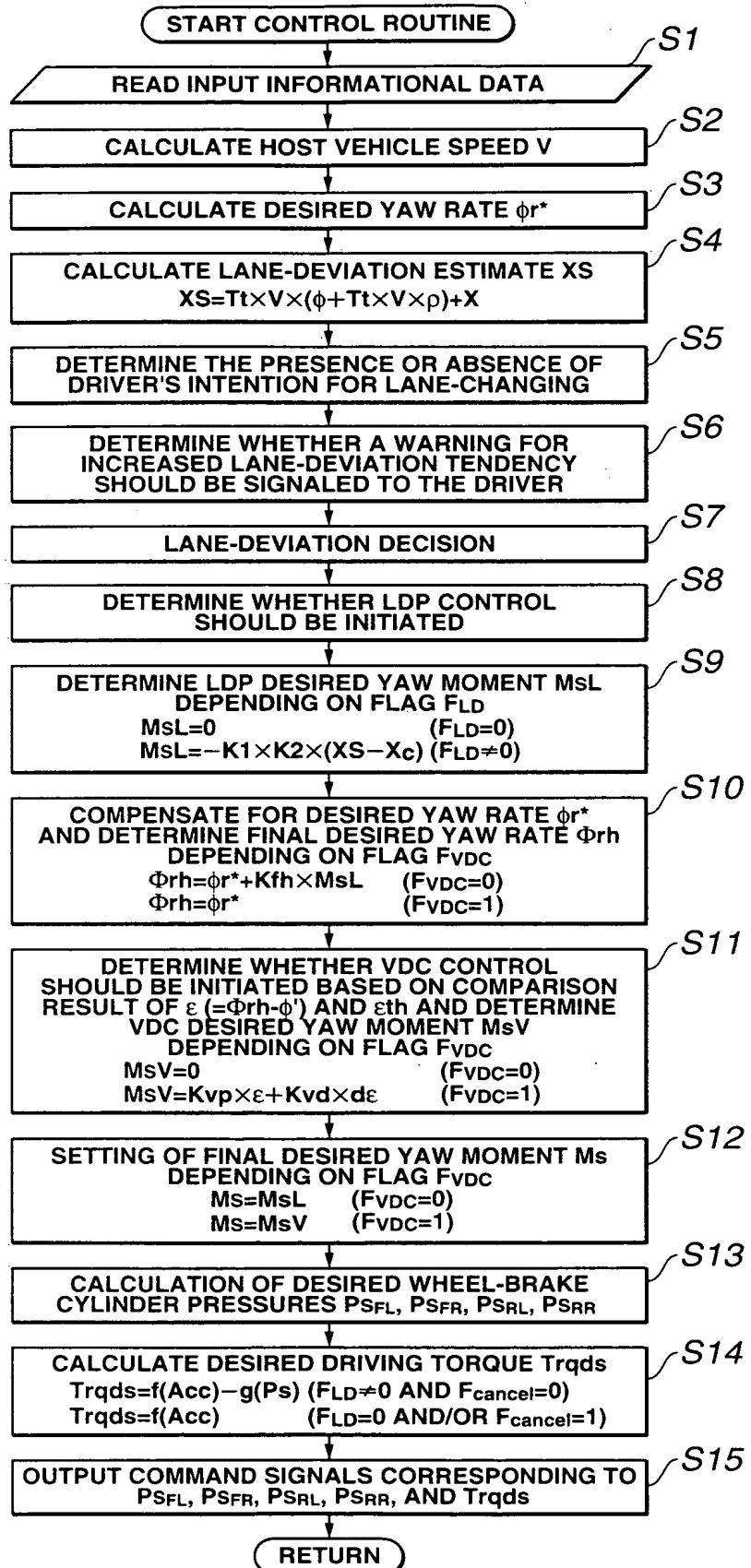


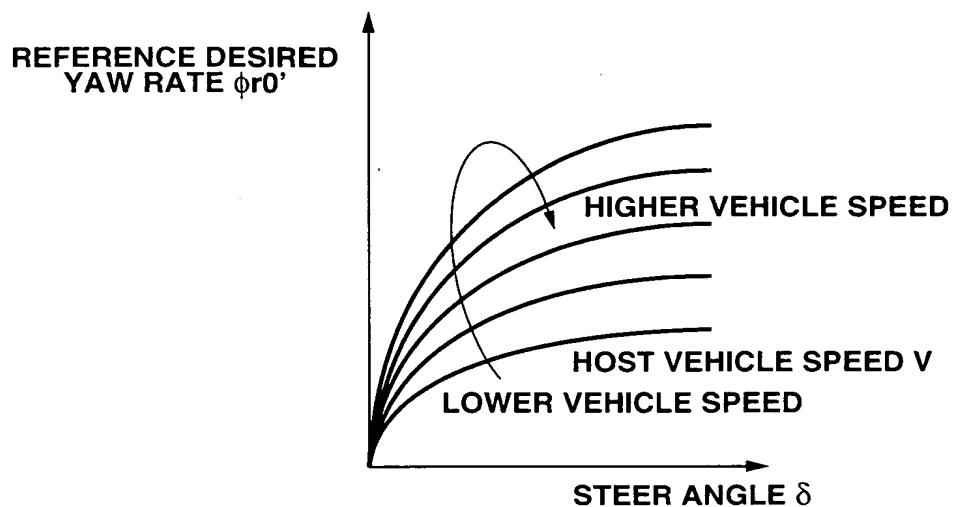
**FIG. 1**



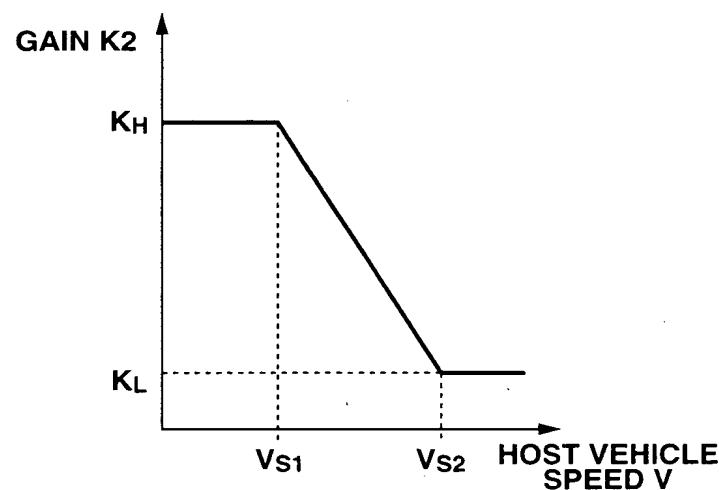
## FIG.2



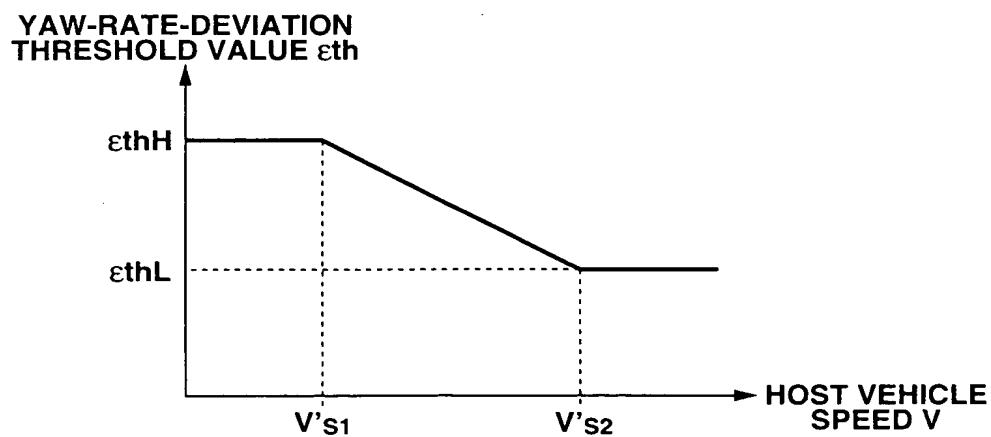
**FIG.3**



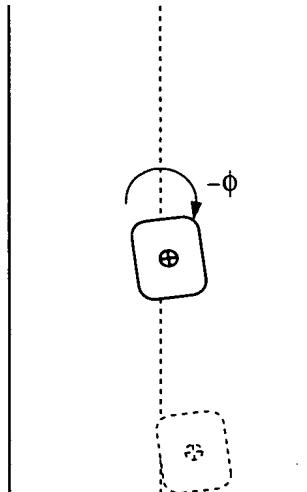
**FIG.4**



**FIG.5**

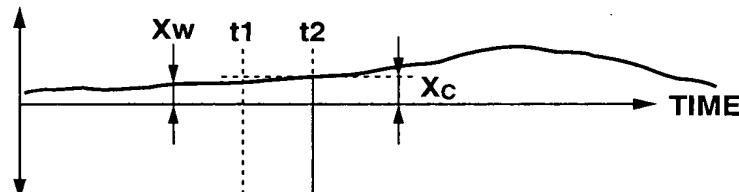


**FIG.6A**



LANE-DEVIATION ESTIMATE  $|X_S|$

**FIG.6B**



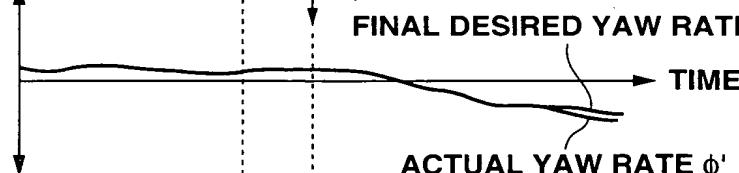
STEER ANGLE  $\delta$

**FIG.6C**



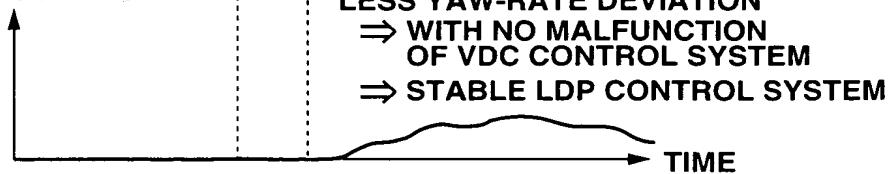
FINAL DESIRED YAW RATE  $\Phi_{rh}$  AND  
ACTUAL YAW RATE  $\Phi'$

**FIG.6D**

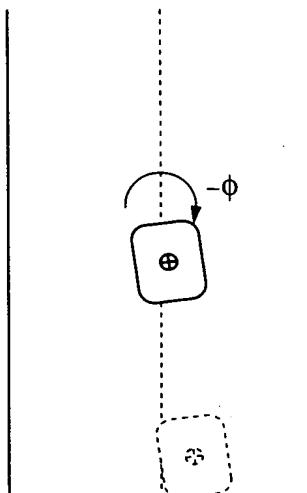


DESIRED WHEEL-BRAKE CYLINDER PRESSURE DIFFERENCE  $\Delta P_{sf}$   
FOR LDP CONTROL

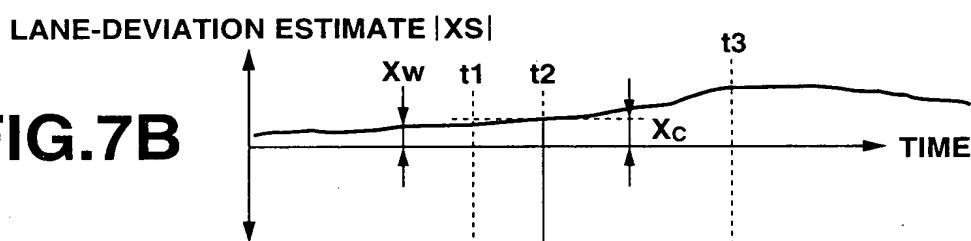
**FIG.6E**



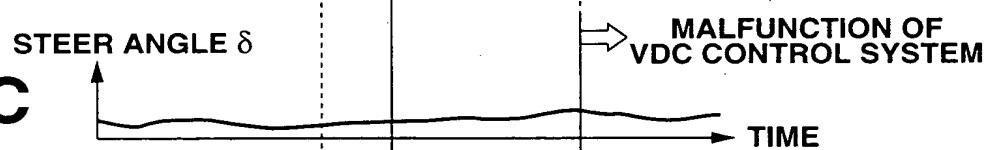
**FIG.7A**



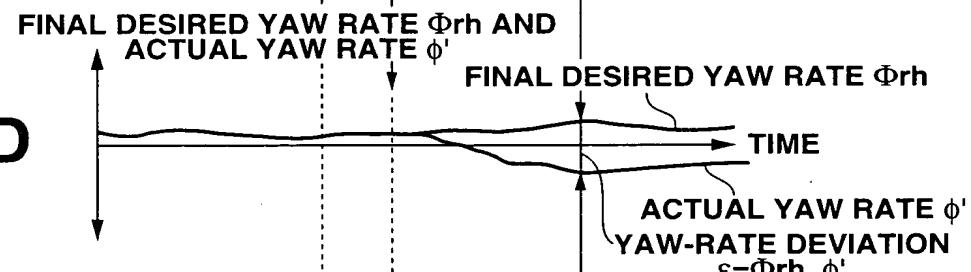
**FIG.7B**



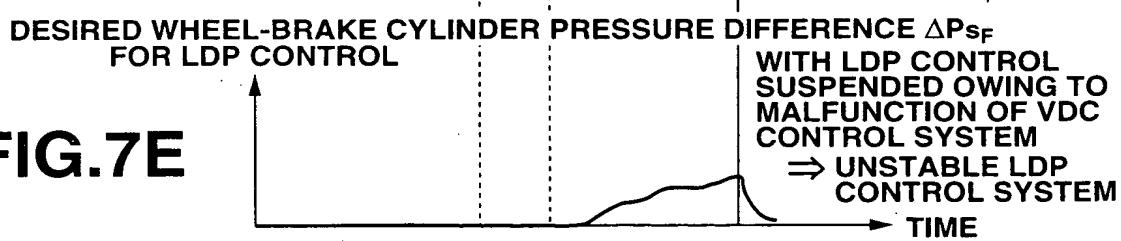
**FIG.7C**



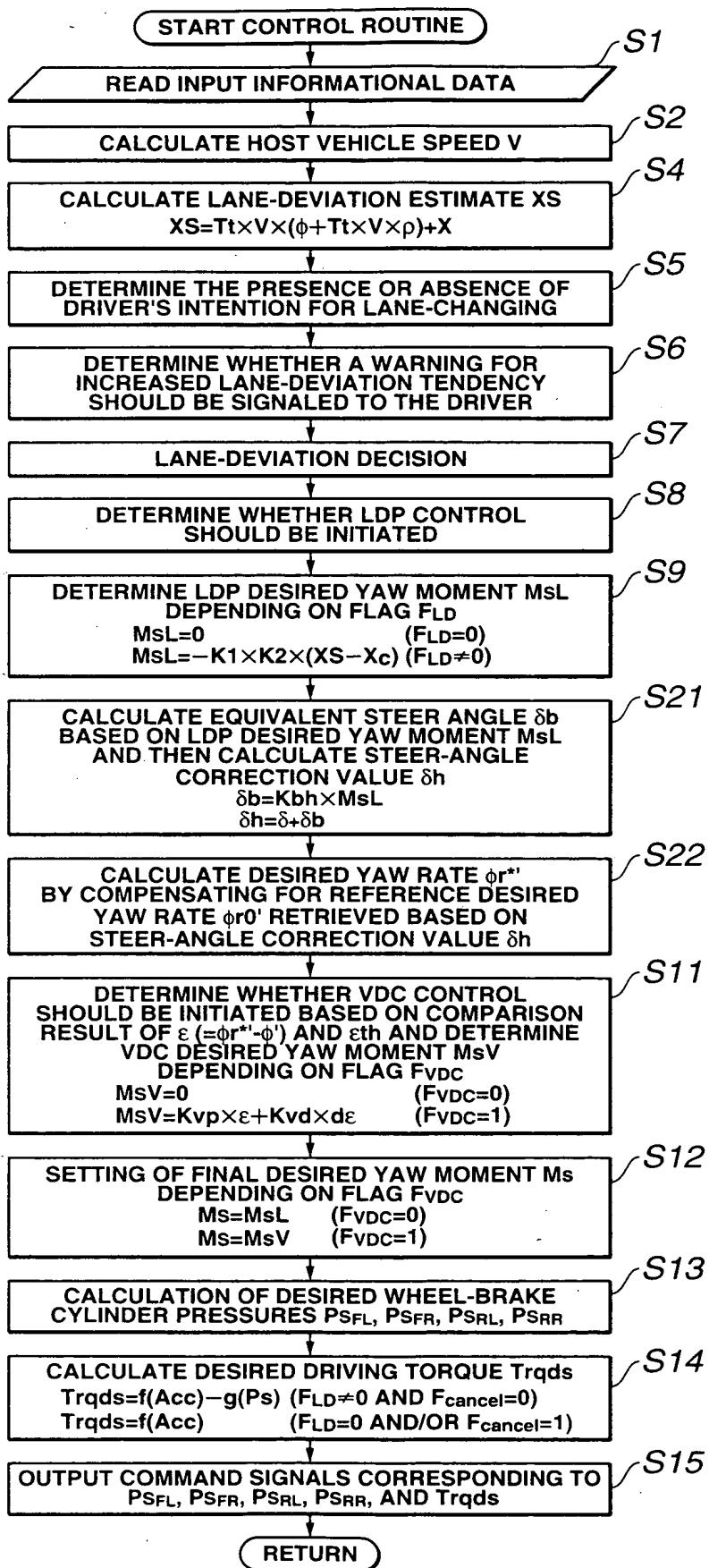
**FIG.7D**



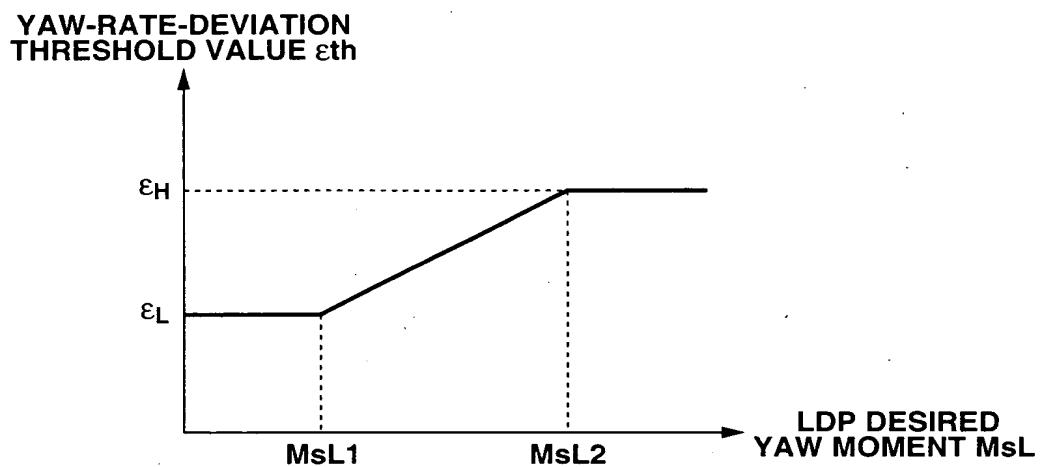
**FIG.7E**



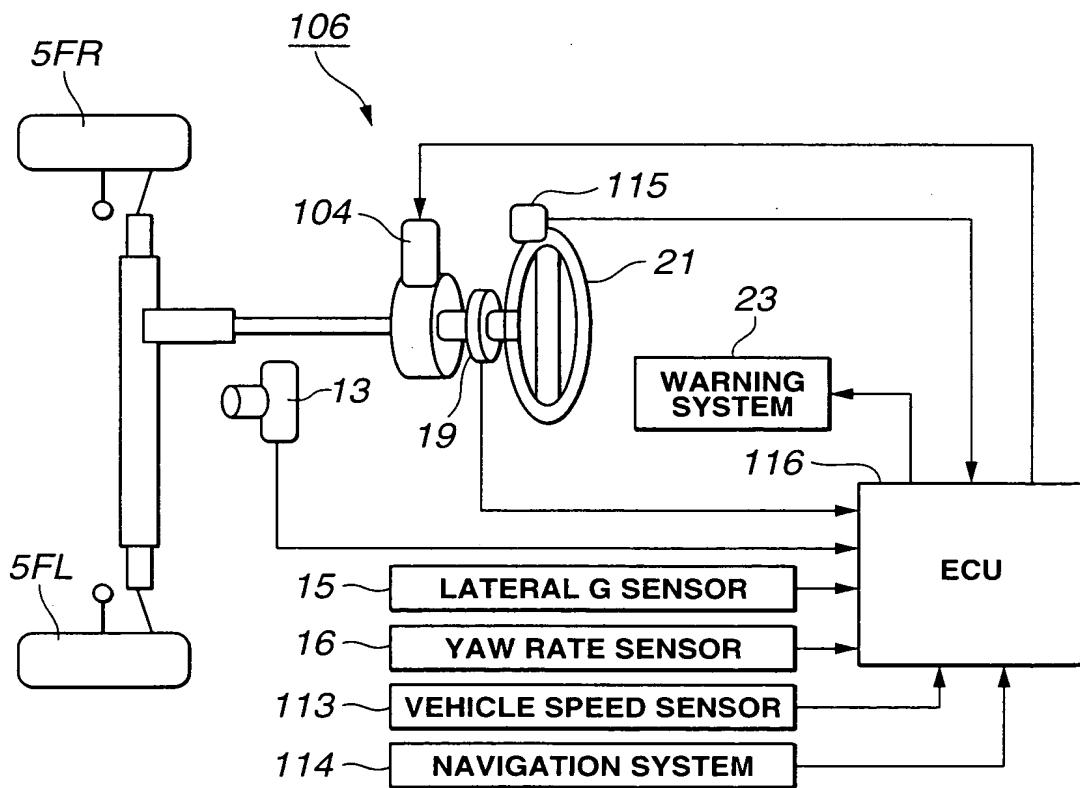
**FIG.8**



**FIG.9**



**FIG.10**



Title: VEHICLE DYNAMICS  
CONTROL APPARATUS  
Inventors: Shinji MATSUMOTO et al.  
DOCKET NO.: 023971-0349

**FIG.11**

